

**Work Order:** Montana DNRC 2018-2019 LiDAR Projects

**Submitted by:** Quantum Spatial

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**Reporting period:** April 20<sup>th</sup>, 2019 – April 26<sup>th</sup>, 2019

**Report Date:** April 26<sup>th</sup>, 2019

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- Mineral County Tributaries LiDAR Acquisition was completed on 4/25/2019.
- Jefferson County LiDAR acquisition progress was made this week, we are now 37.9% complete with the QL2 area and 100% complete with the QL1 area.
- Valley County Ground Work was completed on 4/25/2019 by Gaston Engineering.
- Continued work was made on the Blaine County and Phillips County to finalize products and reporting.
- Valley and Hill County LiDAR datasets are in QC steps to ensure quality.

**Outstanding issues and concerns:**

- Awaiting Rock Boy Reservation Clearance for Hill County ground work access.

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	70%	rolling	
LiDAR Data Processing [50%]	22%	rolling	
Weekly Reports	n/a	Ongoing	

**Activities Planned Next Week:**

- Finalize Blaine and Phillips County Products and Reporting, shipping 5/9/2019.
- Complete QC of Valley County and Hill County LiDAR dataset.
- Begin QC of Mineral County Tributaries and newly acquired Jefferson County LiDAR datasets.
- Weather permitting, continue acquiring Jefferson County and begin acquisition on Clark Fork Bitterroot project area.
- QSI to complete ground work in the Mineral County Tributaries project area.













